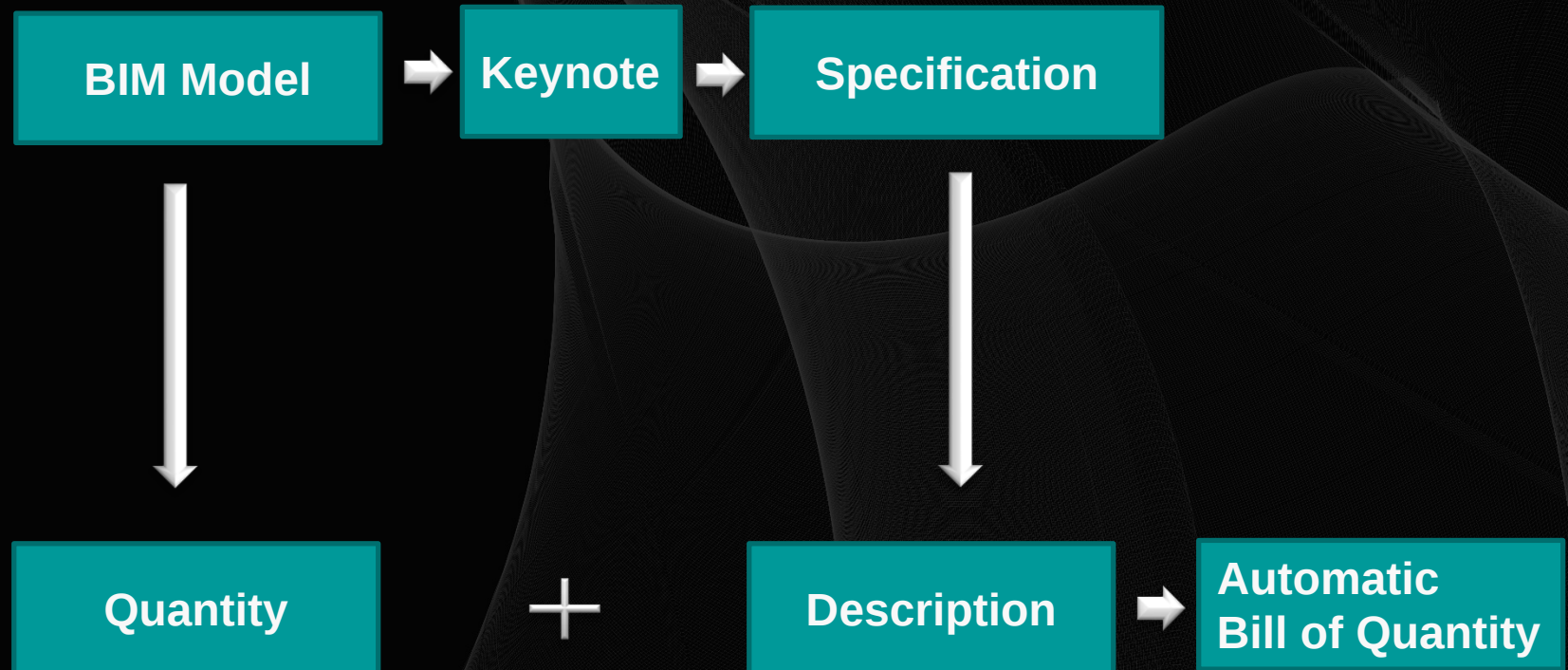


The logo consists of the letters 'NCID' in a bold, white, sans-serif font. The letters are stylized with thick strokes and sharp angles, giving it a modern, architectural feel. The 'N' and 'C' are connected, as are the 'I' and 'D'.

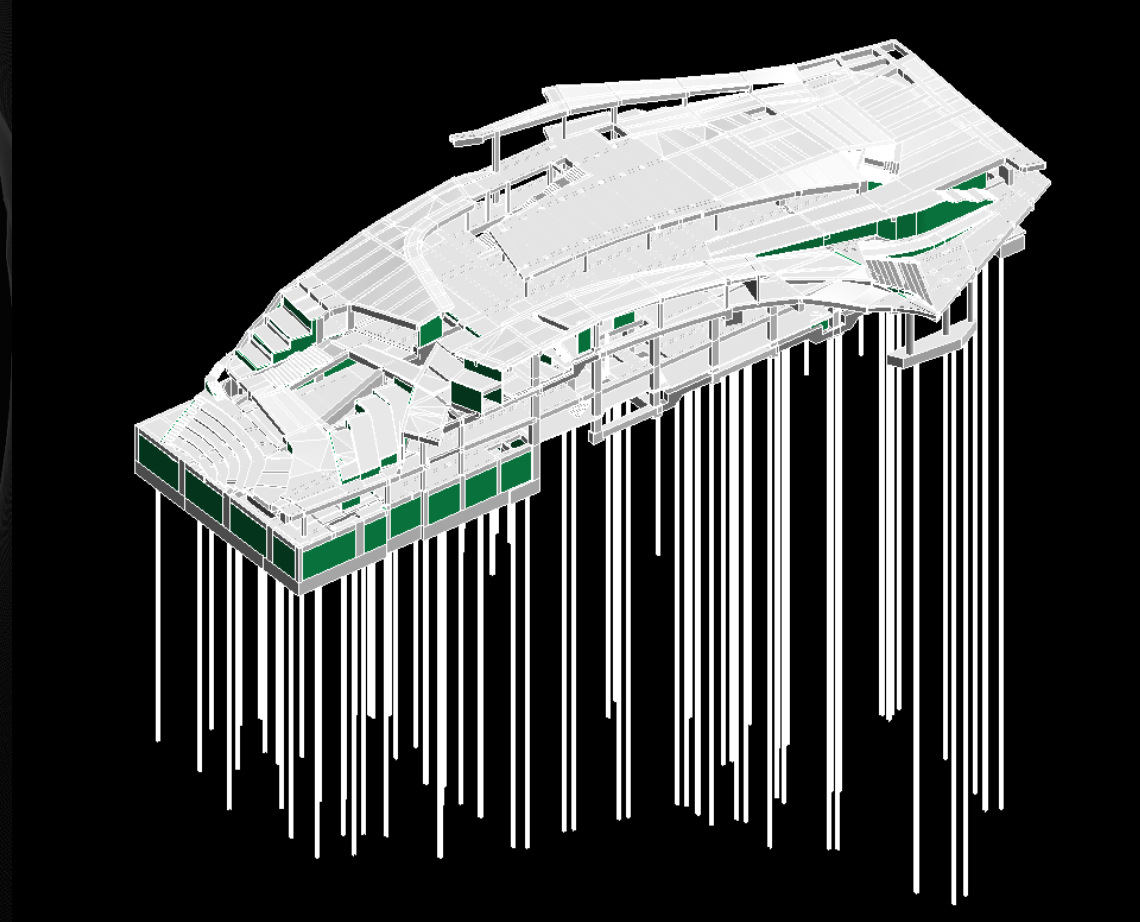
NCID

A DVANCED
C ONSTRUCTION
I NFORMATION
D EVELOPMENT

WORKFLOW



BIM Model



Exported Information



BEM-CON-ACD-Rectangular
1000 x 1500 mm

Structural Framing (Other) (1)

Edit Type

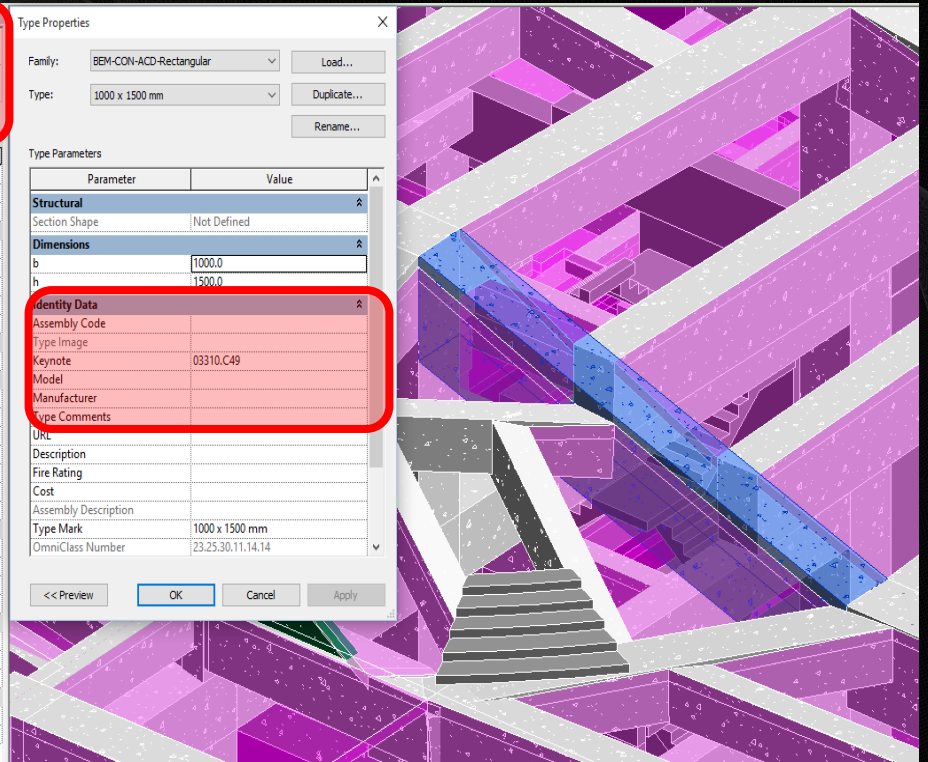
Reference Level	UPPER PODIUM
Start Level Offset	-2790.0
End Level Offset	-380.0
Cross-Section Rotation	0.000°
Geometric Position	
yz Justification	Uniform
y Justification	Origin
y Offset Value	0.0
z Justification	Top
z Offset Value	0.0
Materials and Finishes	
Structural Material	Concrete, Cast-in-Place gray
Structural	
Cut Length	8805.0
Structural Usage	Other
End Attachment Type	End Elevation
Enable Analytical Model	☒
Rebar Cover - Top Face	Rebar Cover 1 <25 mm>
Rebar Cover - Bottom Face	Rebar Cover 1 <25 mm>
Rebar Cover - Other Faces	Rebar Cover 1 <25 mm>
Dimensions	
Length	8805.0
Volume	12.887 m³
Elevation at Top	Varies
Elevation at Bottom	Varies
Identity Data	
Image	
Comments	
Mark	UPB67
Phasing	
Phase Created	New Construction
Phase Demolished	None

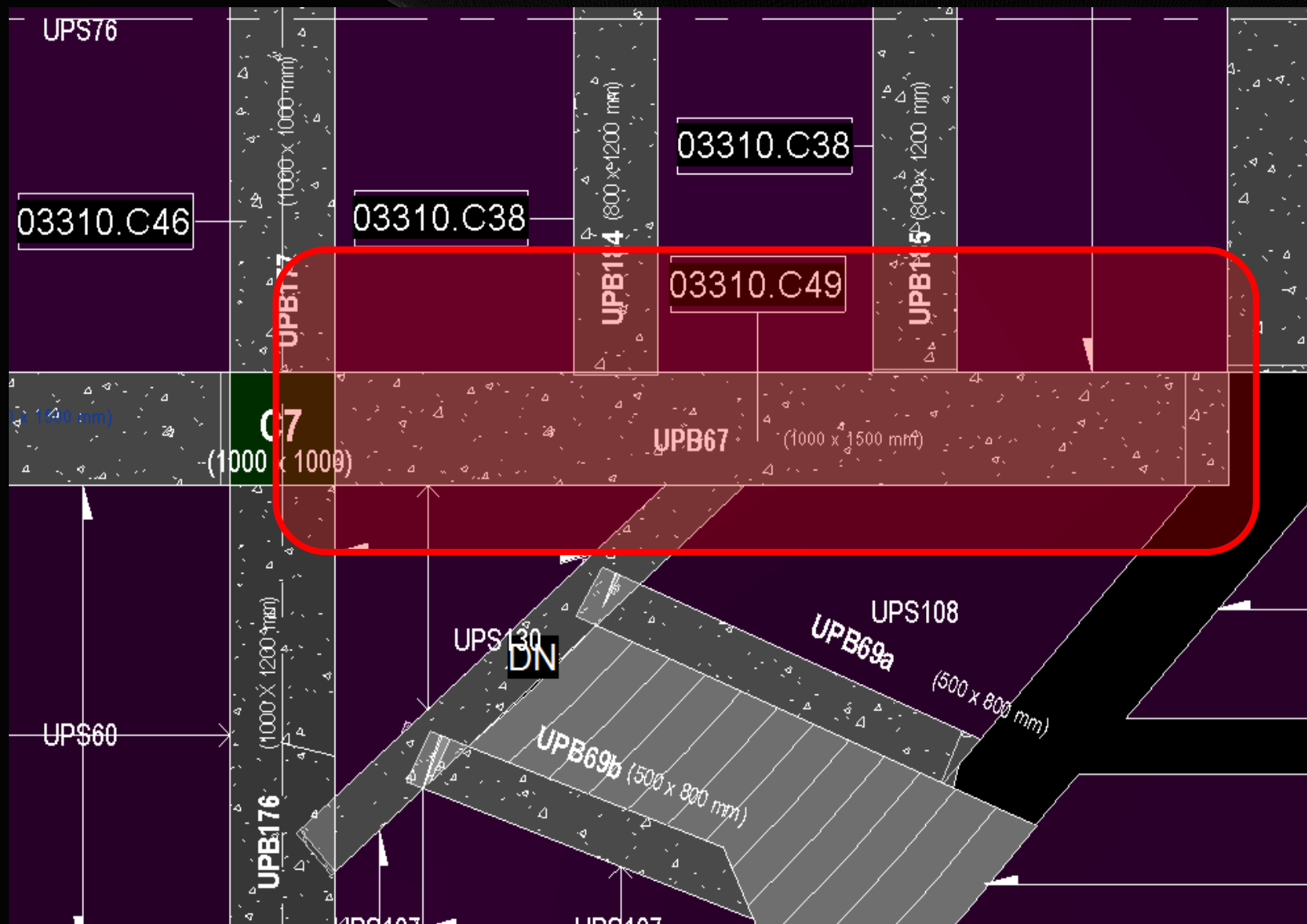
Family: BEM-CON-ACD-Rectangular Load...

Type: 1000 x 1500 mm Duplicate... Rename...

Parameter	Value
Structural	
Section Shape	Not Defined
Dimensions	
b	1000.0
h	1500.0
Identity Data	
Assembly Code	
Type Image	
Keystone	03310.C49
Model	
Manufacturer	
Type Comments	
URL	
Description	
Fire Rating	
Cost	
Assembly Description	
Type Mark	1000 x 1500 mm
OmniClass Number	23.25.30.11.14.14

<< Preview OK Cancel Apply





Keynote Schedule



Specification



BQ Description

Keynotes - [C:\ProgramData\Autodesk\RVT 2016\Libraries\US Imperial\RevitKeynotes_Metric.t... X

Key Value	Keynote Text
03310.C34	800 x 600mm Cast-in-Place Beam
03310.C35	800 x 700mm Cast-in-Place Beam
03310.C36	800 x 800mm Cast-in-Place Beam
03310.C37	800 x 1000mm Cast-in-Place Beam
03310.C38	800 x 1200mm Cast-in-Place Beam
03310.C39	800 x 1500mm Cast-in-Place Beam
03310.C40	800 x 1800mm Cast-in-Place Beam
03310.C41	800 x 2000mm Cast-in-Place Beam
03310.C42	800 x 2200mm Cast-in-Place Beam
03310.C43	800 x 2610mm Cast-in-Place Beam
03310.C44	900 x 800mm Cast-in-Place Beam
03310.C45	1000 x 800mm Cast-in-Place Beam
03310.C46	1000 x 1000mm Cast-in-Place Beam
03310.C47	1000 x 1200mm Cast-in-Place Beam
03310.C48	1000 x 1300mm Cast-in-Place Beam
03310.C49	1000 x 1500mm Cast-in-Place Beam
03310.C50	1000 x 1600mm Cast-in-Place Beam
03310.C51	1000 x 1800mm Cast-in-Place Beam
03310.C52	1000 x 1850mm Cast-in-Place Beam
03310.C53	1000 x 2000mm Cast-in-Place Beam
03310.C54	1000 x 2100mm Cast-in-Place Beam
03310.C55	1000 x 2200mm Cast-in-Place Beam

Keynote Text:

1000 x 1500mm Cast-in-Place Beam

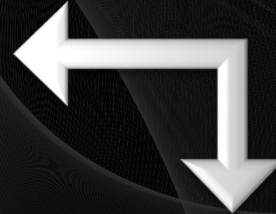
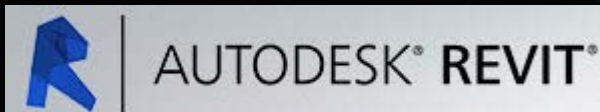
OK Cancel Help

<Structural Framing Schedule>

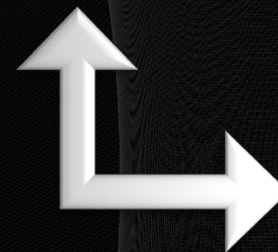
Revit

A	B	C	D	E	F	G	H	I	J	K
Mark	Reference Level	Level	Start Level Offset	End Level Offset	Type	Type Mark	Length	Volume	Inclination	Description
PB44	PODIUM		0	0	1000 x 1800 mm	1000 x 1800 mm	8920	15.156 m³	0.00°	
PB45	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB45a	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB45b	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB45c	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	9420	4.285 m³	0.00°	
PB46	PODIUM		0	0	400 x 600 mm	400 x 600 mm	2370	0.389 m³	0.00°	
PB47	PODIUM		0	0	400 x 600 mm	400 x 600 mm	3100	0.636 m³	0.00°	
PB48	PODIUM		0	0	400 x 600 mm	400 x 600 mm	3450	0.660 m³	0.00°	
PB48a	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB48b	PODIUM		0	0	400 x 1000 mm	400 x 1000 mm	8920	3.168 m³	0.00°	
PB48c	PODIUM		0	0	400 x 1000 mm	400 x 1000 mm	8920	3.168 m³	0.00°	
PB48d	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	9420	4.335 m³	0.00°	
PB49		PODIUM			500 x 1000 mm 3	500 x 1000 mm 3		4.373 m³		Cranked Beam
PB51a	PODIUM		-4100	-1800	500 x 800 mm	500 x 800 mm	8600	3.373 m³	15.51°	
PB51b	PODIUM		-1800	-1800	400 x 600 mm	400 x 600 mm	4273	0.962 m³	0.00°	
PB51c	PODIUM		-1550	-1550	400 x 600 mm	400 x 600 mm	7038	1.564 m³	0.00°	
PB52	PODIUM		0	0	400 x 600 mm	400 x 600 mm	3075	0.642 m³	0.00°	
PB53	PODIUM		0	0	400 x 600 mm	400 x 600 mm	8380	1.831 m³	0.00°	
PB54	PODIUM		-1800	-1800	400 x 600 mm	400 x 600 mm	4790	0.892 m³	0.00°	
PB54a	PODIUM		-1550	-1550	400 x 600 mm	400 x 600 mm	8872	2.004 m³	0.00°	
PB54a	PODIUM		-1550	-1550	400 x 600 mm	400 x 600 mm	5597	1.194 m³	0.00°	
PB54b	PODIUM		-1550	-1550	400 x 600 mm	400 x 600 mm	1936	0.403 m³	0.00°	
PB55	PODIUM		0	0	1000 x 1500 mm	1000 x 1500 mm	8920	12.630 m³	0.00°	
PB55a	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB55b	PODIUM		0	0	400 x 1000 mm	400 x 1000 mm	8920	3.168 m³	0.00°	
PB55c	PODIUM		0	0	400 x 1000 mm	400 x 1000 mm	8920	3.168 m³	0.00°	
PB55d	PODIUM		0	0	400 x 1000 mm	400 x 1000 mm	9420	3.468 m³	0.00°	
PB55e	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB55f	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.960 m³	0.00°	
PB55g	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	8920	3.737 m³	0.00°	
PB55h	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	9420	4.460 m³	0.00°	
PB56	PODIUM		0	0	400 x 600 mm	400 x 600 mm	8380	1.831 m³	0.00°	
PB57	PODIUM		-1750	-1750	400 x 600 mm	400 x 600 mm	3270	0.766 m³	0.00°	
PB58	PODIUM		-610	-610	400 x 600 mm	400 x 600 mm	3811	0.868 m³	0.00°	
PB59	PODIUM		0	0	500 x 800 mm	500 x 800 mm	7380	2.952 m³	0.00°	
PB61	PODIUM		0	0	400 x 600 mm	400 x 600 mm	8380	1.891 m³	0.00°	
PB67	PODIUM		-1800	-5300	1000 x 1500 mm	1000 x 1500 mm	9580	14.370 m³	-21.43°	
PB71	PODIUM		0	0	500 x 800 mm	500 x 800 mm	8173	3.818 m³	0.00°	
PB73	PODIUM		0	0	600 x 600 mm	600 x 600 mm	8600	1.409 m³	0.00°	
PB76	PODIUM		-1250	-1250	800 x 1200 mm	800 x 1200 mm	8700	7.921 m³	0.00°	
PB77	PODIUM		0	0	500 x 800 mm	500 x 800 mm	7720	3.068 m³	0.00°	
PB78	PODIUM		0	0	500 x 800 mm	500 x 800 mm	7720	3.068 m³	0.00°	
PB78a	PODIUM		0	0	600 x 600 mm	600 x 600 mm	4013	1.124 m³	0.00°	
PB79	PODIUM		0	0	500 x 1000 mm	500 x 1000 mm	7720	3.191 m³	0.00°	
PB80	PODIUM		0	0	600 x 600 mm	600 x 600 mm	9718	3.369 m³	0.00°	
PB81	PODIUM		-1700	-1300	400 x 600 mm	400 x 600 mm	4520	0.952 m³	5.08°	
PB82		PODIUM			400 x 1000 mm 3	400 x 1000 mm 3		2.442 m³		Cranked Beam
PB83		PODIUM			400 x 1000 mm 2	400 x 1000 mm 2		4.565 m³		Cranked Beam
PB84	PODIUM		-1250	-1250	400 x 600 mm	400 x 600 mm	2060	0.433 m³	0.00°	
PB85	PODIUM		0	0	300 x 800 mm	300 x 800 mm	8936	1.904 m³	0.00°	
PB86	PODIUM		-2000	-2000	1000 x 1500 mm	1000 x 1500 mm	17450	26.175 m³	0.00°	

Model & Information

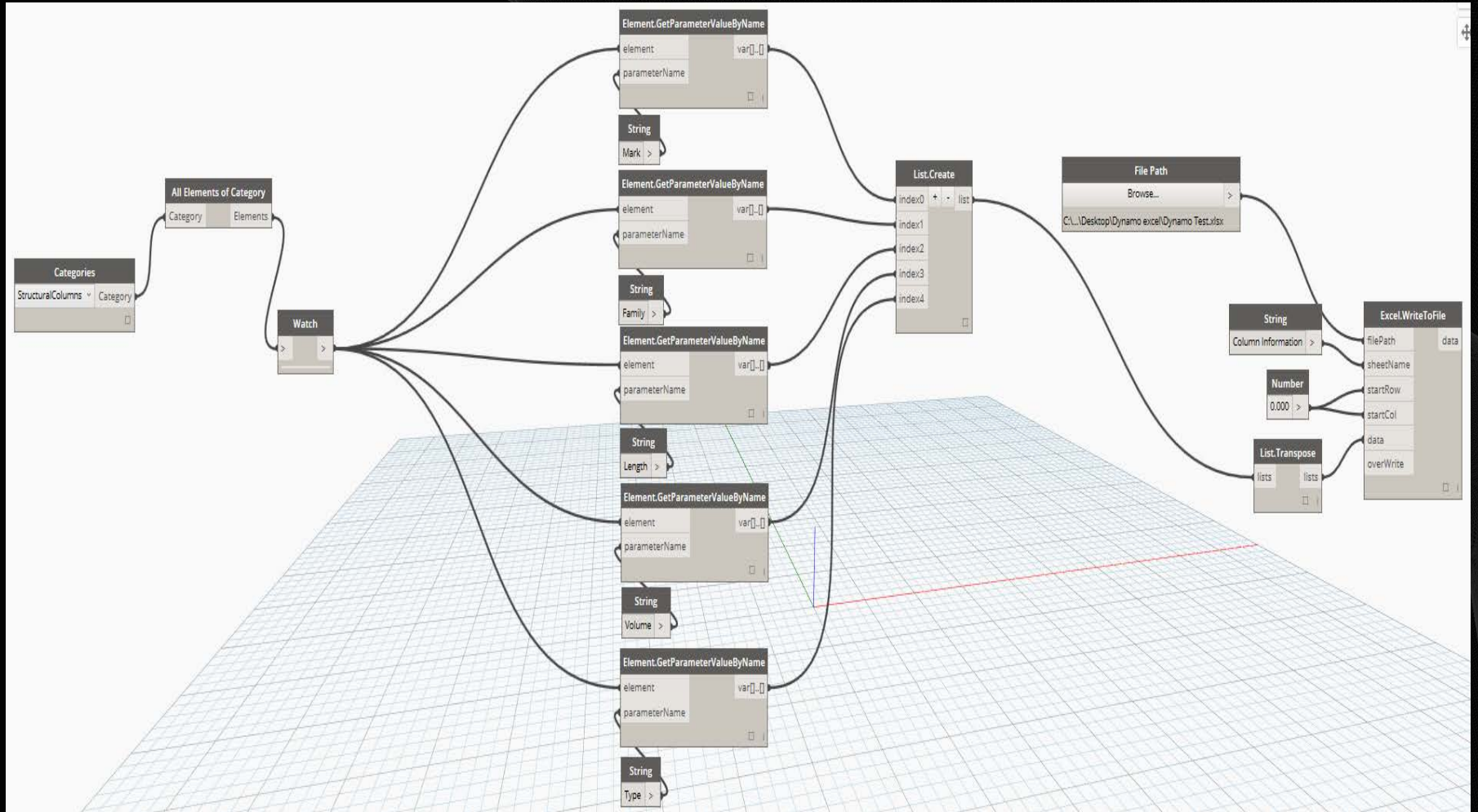


Exporter



Schedule & BQ





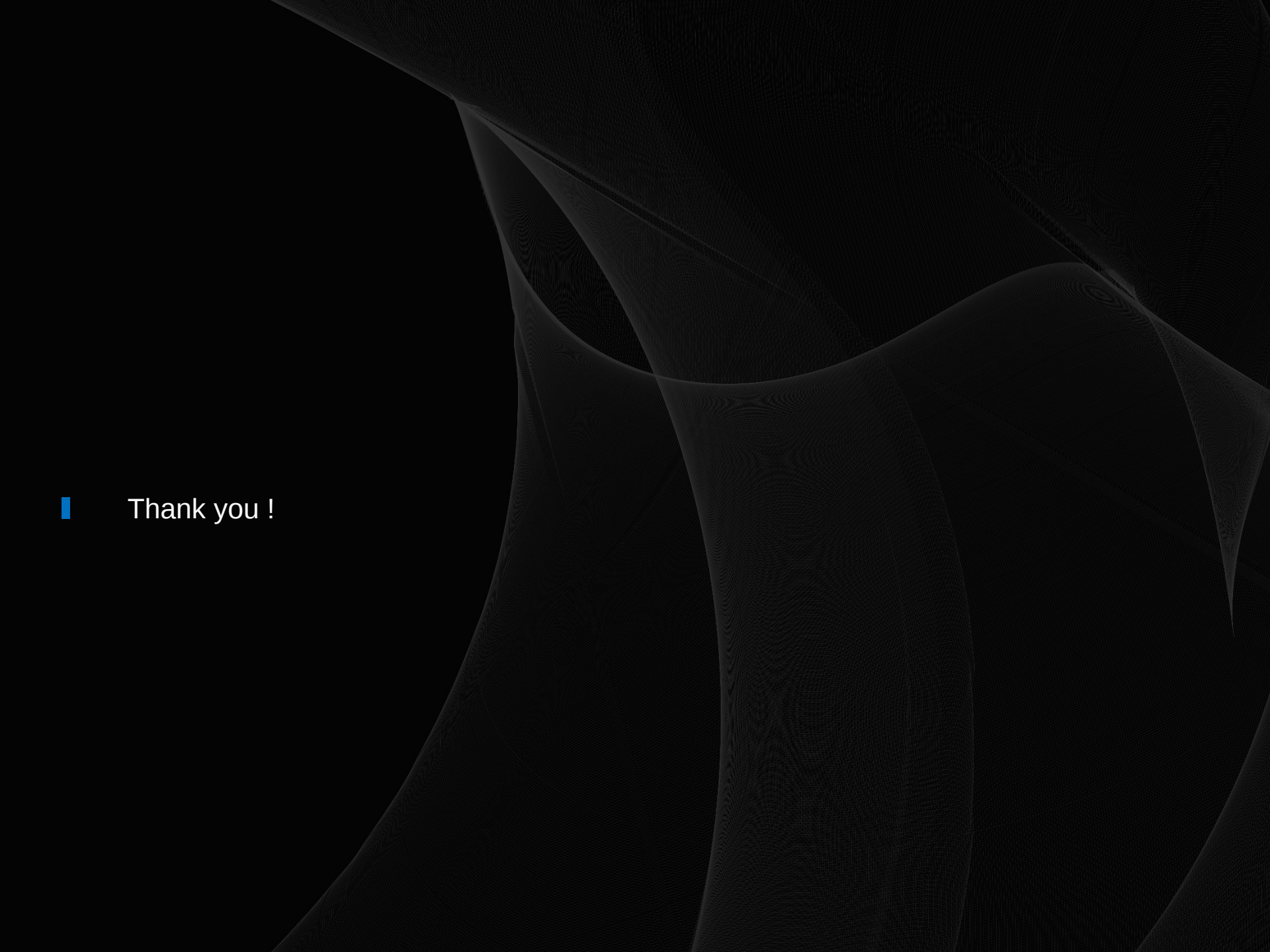
Mark	Family	Type	Keynote	Length	Volume
PB55h	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9419.849	4.460
UPB207b	Family Type: 500 x 800 mm, Family: BEM-CON-ACD-Rectangular	500x800mm	03310.C19	9431.336	3.706
UPB74a	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9431.935	4.466
UPB57	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9435.105	4.371
PB261	Family Type: 1000 x 1000 mm, Family: BEM-CON-ACD-Rectangular	1000x1000mm	03310.C46	9474.999	8.600
MB150	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9474.999	4.025
UPB144	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9490.000	4.745
TB29	Family Type: 1000 x 1000 mm, Family: BEM-CON-ACD-Rectangular	1000x1000mm	03310.C46	9499.628	9.500
PB246	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9500.000	4.750
PB268	Family Type: 800 x 1500 mm, Family: BEM-CON-ACD-Rectangular	800x1500mm	03310.C39	9500.000	8.884
PB262	Family Type: 1000 x 1000 mm, Family: BEM-CON-ACD-Rectangular	1000x1000mm	03310.C46	9500.000	9.309
MB137	Family Type: 600 x 1000 mm, Family: BEM-CON-ACD-Rectangular	600x1000mm	03310.C30	9500.316	5.702
UPB165	Family Type: 1000 x 1500 mm, Family: BEM-CON-ACD-Rectangular	1000x1500mm	03310.C49	9504.425	14.222
UPB145	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9510.000	4.605
UPB71	Family Type: 400 x 600 mm, Family: BEM-CON-ACD-Rectangular	400x600mm	03310.C8	9513.606	2.072
UPB177	Family Type: 1000 x 1000 mm, Family: BEM-CON-ACD-Rectangular	1000x1000mm	03310.C46	9515.335	9.515
PB201	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9520.356	4.257
PB67	Family Type: 1000 x 1500 mm, Family: BEM-CON-ACD-Rectangular	1000x1500mm	03310.C49	9580.000	14.370
UPB205	Family Type: 400 x 800 mm, Family: BEM-CON-ACD-Rectangular	400x800mm	03310.C9	9599.312	3.041
GWB15	Family Type: 600 x 800 mm, Family: BEM-CON-ACD-Rectangular	600x800mm	03310.C29	9599.996	3.738
PB186	Family Type: 500 x 800 mm, Family: BEM-CON-ACD-Rectangular	500x800mm	03310.C19	9620.000	3.490
UPB197	Family Type: 800 x 1500 mm, Family: BEM-CON-ACD-Rectangular	800x1500mm	03310.C39	9620.000	11.454
UPB211	Family Type: 400 x 800 mm, Family: BEM-CON-ACD-Rectangular	400x800mm	03310.C9	9676.203	3.015
UPB6	Family Type: 400 x 800 mm, Family: BEM-CON-ACD-Rectangular	400x800mm	03310.C9	9682.365	3.230
PB172	Family Type: 500 x 850 mm, Family: BEM-CON-ACD-Rectangular	500x850mm	03310.C64	9700.000	4.214
UPB184	Family Type: 800 x 1200 mm, Family: BEM-CON-ACD-Rectangular	800x1200mm	03310.C38	9711.834	9.309
PB80	Family Type: 600 x 600 mm, Family: BEM-CON-ACD-Rectangular	600x600mm	03310.C28	9718.454	3.369
GB55	Family Type: 500 x 800 mm, Family: BEM-CON-ACD-Rectangular	500x800mm	03310.C19	9720.000	3.650
MB136	Family Type: 600 x 1000 mm, Family: BEM-CON-ACD-Rectangular	600x1000mm	03310.C30	9750.000	5.680
UPB148	Family Type: 400 x 800 mm, Family: BEM-CON-ACD-Rectangular	400x800mm	03310.C9	9757.482	3.159
PB12	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9788.497	4.129
MB9	Family Type: 800 x 700 mm, Family: BEM-CON-ACD-Rectangular	800x700mm	03310.C35	9789.816	6.531
UPB116	Family Type: 500 x 1000 mm, Family: BEM-CON-ACD-Rectangular	500x1000mm	03310.C20	9815.783	4.656
PB89	Family Type: 400 x 1000 mm, Family: BEM-CON-ACD-Rectangular	400x1000mm	03310.C10	9817.817	3.042



Beam Size	Keynote	Column Size	Keynote
500x800mm	03310.C19	2000x1300mm	03310.B41
600x800mm	03310.C29	2000x1500mm	03310.B42
1000x2000mm	03310.C53	1000x1000mm	03310.B29
1500x2000mm	03310.C57	1000dia.	03310.B47
1000x1000mm	03310.C46	1300x1000mm	03310.B39
800x1000mm	03310.C37	800x2150mm	03310.B23
500x1000mm	03310.C20	1000x2150mm	03310.B30
400x600mm	03310.C8	1000x800mm	03310.B28
700x1000mm	03310.C68	800x1200mm	03310.B22
300x600mm	03310.C3	500x500mm	03310.B10
600x600mm	03310.C28	1389X1000mm	03310.B40
1000x1300mm	03310.C48	600x600mm	03310.B15
300x1200mm	03310.C6	1200x600mm	03310.B36
500x600mm	03310.C17	1130X1000mm	03310.B34
400x1000mm	03310.C10	1000x500mm	03310.B26
600x1000mm	03310.C30	1200X1200mm	03310.B38
800x1200mm	03310.C38	1136X1000mm	03310.B49
1575x2000mm	03310.C58	500dia.	03310.B44
1000x1500mm	03310.C49	500x300mm	03310.B9
1200x1500mm	03310.C36	600x300mm	03310.B13
800x1500mm	03310.C39	500x800mm	03310.B12
500x1200mm	03310.C21	800dia.	03310.B45
600x1200mm	03310.C31	300x1000mm	03310.B2
525x600mm	03310.C23	800X1000mm	03310.B21
500x700mm	03310.C18	600x400mm	03310.B14
800X700mm	03310.C35	1200X675mm	03310.B37
800x2000mm	03310.C41	600x975mm	03310.B17
800x2200mm	03310.C42	600x1200mm	03310.B18
1000x1800mm	03310.C51	600x450mm	03310.B51
1000X2200mm	03310.C55	600x675mm	03310.B16
1000x2100mm	03310.C54	2500x1250mm	03310.B43
400x800mm	03310.C9	1000x300mm	03310.B25
1000x1600mm	03310.C50	800x2600mm	03310.B24
500x1500mm	03310.C22	900dia.	03310.B46



Bill of Quantities					
Bill number 1					
Item	Description	Qty	Unit	Rate (Indicate Currency)	Amount (Indicate Currency)
C	<u>CONCRETE WORKS</u>				
a	Rate shall include for form work depositing, handling, hoisting into position, vibrating, curing etc. and making good after removal of formwork etc.	Note			
b	Reinforcements are paid separately unless otherwise specified in the item	Note			
c	Rate shall include for supplying and laying of gauge 1000 polythene on ground, where concrete is in direct contact with ground, before pouring concrete unless other wise measured separately.	Note			
	<u>In Situ Concrete</u>				
C.1	Supplying and placing of Grade 60 concrete to Column, Transfer Beam, Screen wall	678.838	m ³	\$1,200.00	\$814,605.24
C.2	Supplying and placing of Grade 40 concrete to Beam	3180.217	m ³	\$1,000.00	\$3,180,216.65
C	Concrete Works	To Summary			\$3,994,821.88



■ Thank you !